

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Complete if Known

Application Number	10/561,166
Filing Date	DECEMBER 16, 2005
First Named Inventor	YOSHIKI SATO
Art Unit	3764
Examiner Name	MATHEW, FENN C.
Attorney Docket Number	SUZ0025-US

Sheet

1

of

5

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
	1	US- 1,658,381	02/07/1928	KILSTROM	
	2	US- 2,332,488	10/19/1943	NEWTON	
	3	US- 4,469,099	09/04/1984	MCEWEN	
	4	US- 4,770,175	09/13/1988	MCEWEN	
	5	US- 4,831,242	05/16/1989	ENGLEHARDT ET AL.	
	6	US- 4,984,579	01/15/1991	BURGERT ET AL.	
	7	US- 4,991,573	02/12/1991	MILLER	
	8	US- 5,219,356	06/15/1993	HARRELD ET AL.	
	9	US- 5,316,022	05/31/1994	SCHIEK, SR.	
	10	US- 5,413,582	05/09/1995	EATON	
	11	US- 5,433,724	07/18/1995	KAWASAKI ET AL.	
	12	US- 5,458,571	10/17/1995	LAMPROPOULOS ET AL.	
	13	US- 5,464,136	11/07/1995	EDDY	
	14	US- 5,755,669	05/26/1998	ONO ET AL.	
	15	US- 6,149,618	11/21/2000	SATO	
	16	US- 6,237,602 B1	05/29/2001	NICKELS ET AL.	
	17	US- 6,427,697 B1	08/06/2002	PEARCEY	
	18	US- 6,746,470 B2	06/08/2004	MCEWEN ET AL.	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ³	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ⁴ "Number" ⁵ "Kind Code" ⁵ (if known)				
	19	EP 0 030 705 A1	06/24/1981	IDAG S.a.r.l.		
	20	EP 0 247 715 A1	12/02/1987	HATTORI SEIKO CO.		
	21	EP 1 025 880 A1	08/09/2000	KABUSHIKIKAISHA SATO SPORTS PLAZA		
	22	JP 09-278259 & English abstract	10/28/1997	CANON INC.		
	23	JP 10-085362 & English abstract	04/07/1998	SATO, YOSHIKI		

Examiner
Signature

/Fenn C. Mathew/

Date
Considered

08/25/2010

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS, SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450. www.FormsWorkflow.com

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /F.C.M./

Complete if Known

(Use as many sheets as necessary)

Sheet

2

of

5

Application Number

10/561,166

Filing Date

DECEMBER 16, 2005

First Named Inventor

YOSHIAKI SATO

Art Unit

3764	
------	--

Examiner Name

MATHEW FENN C.

Attorney Docket Number

SUZ0025-US

[illegible]

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	r ⁶
		Country Code ³ "Number" ⁴ "Kind Code" ⁵ (if known)				
	27	JP 11-299749 & English abstract	11/02/1999	OMRON CORP.		
	28	JP 2001-340461 & English abstract	12/11/2001	FUKUDA JIRO FONTANA:KK		
	29	JP 2002-102182 & English abstract	04/09/2002	A&D CO., LTD.		
	30	JP 2004-215858 & English abstract	08/05/2004	SATOU SPORTS PLAZA:KK PHOENIX:KK		
	31	JP 2004-313423A & English abstract	11/11/2004	SATO SPORTS PLAZA CO. LTD.		

Examiner
Signature

/Fenn C. Mathew/

Date
Considered

08/25/2010

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 801.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, FOIA@uspto.gov, or by mail to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20593.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /F.C.M./

Under the Paperwork Reduction Act of 1995 no Persons are required to respond to a collection of information unless it contains a valid OMR control number.

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Complete if Known

Application Number	10/561,166
Filing Date	DECEMBER 16, 2005
First Named Inventor	YOSHIAKI SATO
Art Unit	3764
Examiner Name	MATHEW, FENN C.
Attorney Docket Number	SUZ0025-US

Sheet

3

of

5

U. S. PATENT DOCUMENTS

[illegible]

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ *Number ⁴ *Kind Code ⁵ (if known)				
	32	JP 2005-509 A & English abstract	01/06/2005	SATO SPORTS PLAZA CO. LTD.		
	33	JP 2005-6921 A & English abstract	01/13/2005	SATO SPORTS PLAZA CO. ET AL.		
	34	JP H5-68503 & English abstract	09/17/1993	NIDEC COPAL ELECTRONICS		
	35	JP S59-137704 & English translation of claim 1	09/13/1984	OMRON TATEISHI ELECTRONIC CO.		
	36	JP S62-170228 & English translation of claim 1	07/27/1987	TERUMO CORP.		

Examiner
Signature

/Fenn C. Mathew/

Date	
Considered	

08/25/2010

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual. www.FormsWorkflow.com

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /E.C.M./

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Complete if Known

Application Number	10/561,166
Filing Date	DECEMBER 16, 2005
First Named Inventor	YOSHIKI SATO
Art Unit	3764
Examiner Name	MATHEW, FENN C.
Attorney Docket Number	SUZ0025-US

Sheet 4 of 5

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ "Number" ⁴ "Kind Code" ⁵ (if known)				
	37	JP S63-200409 & English translation of claim 1	12/23/1988	SHARP CORP.		
	38	JP S63-43501 & English translation of claim 1	03/23/1988	OMRON TATEISHI ELECTRONIC CO. ET AL.		
	39	WO 00/10649	03/02/2000	KABUSHIKIKASHA SATO SPORTS PLAZA		
	40	KR 2003-0025725 & English abstract	03/29/2003	KIM, Su Won		

Examiner
Signature

/Fenn C. Mathew/

Date
Considered

08/25/2010

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours, incomplete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual circumstances.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /F.C.M./

Under the Paperwork Reduction Act of 1995 no Persons are required to respond to a collection of information unless it contains a valid OMR control number.

Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>		Complete if Known			
		Application Number	10/561,166		
		Filing Date	DECEMBER 16, 2005		
		First Named Inventor	YOSHIKI SATO		
		Art Unit	3764		
		Examiner Name	MATHEW, FENN C.		
Sheet	5	of	5	Attorney Docket Number	SUZ0025-US

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	41	Russian Office Action dated September 25, 2007	
	42	Russian Office Action dated July 3, 2007 and English translation	
	43	American Diabetes Association, "Exercise and Blood Glucose", Sept. 23, 2004, http://web.archive.org/web/20040923135336/http://www.diabetes.org/youthzone/physical-activity-bq-isp .	
	44	Craig C. Freudenrich, "How Exercise Works", Feb 17, 2004, http://web.archive.org/web/20040217145709/health.howstuffworks.com/sports-physiology2.htm	
	45	Copy of Supplementary European Search Report - search completed June 20, 2008	

Examiner Signature	/Fenn C. Mathew/	Date Considered	8/25/2010
--------------------	------------------	-----------------	-----------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.